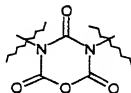


## **AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings of claims in the application:

### **Listing of Claims:**

Claim 1. (Original) A process for producing a polyisocyanate or a polyisocyanate secondary product containing at least one allophanate group, which carries at least one acrylate, methacrylate or vinyl ether double bond on the oxygen atom of the allophanate group, said oxygen atom being bound by two single bonds, comprising the step of reacting a polyisocyanate or a polyisocyanate secondary product containing at least one oxadiazinetrione group (formula 1)



Formula 1

with an alcohol containing an acrylate, methacrylate or vinyl ether double bond at temperatures of from  $-20$  to  $100^{\circ}\text{C}$ .

Claim 2. (Original) The process according to Claim 1, wherein the reaction takes place in the presence of a basic catalyst.

Claim 3. (Original) The process according to Claim 2, wherein the catalyst has a  $\text{pK}_a > 7.5$ .

Claim 4. (Original) The process according to Claim 2, wherein the catalyst contains an amine.

Claim 5. (Original) The process according to Claim 1, wherein the reaction is performed in the presence of at least one stabiliser.

Claim 6. (Original) The process according to Claim 1, wherein the reaction is performed in the presence of 2,6-di-tert.-butyl-4-methyl phenol.

Claim 7. (Original) The process according to Claim 1, wherein the polyisocyanate containing an oxadiazinetriene group is produced from 1,6-hexamethylene diisocyanate.

Claim 8. (Original) The process according to Claim 1, wherein the polyisocyanate carries free isocyanate groups or capped isocyanate groups.

Claim 9. (Original) The process according to Claim 1, wherein the reaction is performed in the presence of a further polyisocyanate or a polyisocyanate secondary product having 0.1 to 10 wt.% uretdione groups.

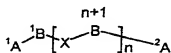
Claim 10. (Original) The process according to Claim 1, characterised in that a polyfunctional alcohol is additionally used.

Claim 11. (Currently amended) A polyisocyanate ~~or polyisocyanate secondary product~~ produced by the process according to Claim 1, wherein ~~when a polyisocyanate is produced,~~ the polyisocyanate comprises 2-35 wt.% allophanate groups, 0.1-5 wt.% uretdione groups, 0-5 wt.% oxadiazinetriene groups and 0.1-25 wt.% urethane groups.

Claims 12-14. (Cancelled)

Claim 15. (Currently amended) The polyisocyanate ~~or polyisocyanate secondary product~~ according to Claim 11 containing a stabiliser selected from the group consisting of phenols, HALS amines and phenothiazines.

Claim 16. (Currently amended) The polyisocyanate or polyisocyanate secondary product according to Claim 11 containing structural elements having formula 2



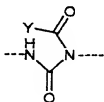
Formula 2

wherein,

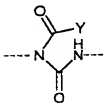
$^1A$  and  $^2A$  represent radicals derived from isocyanate or isocyanate secondary products containing iminooxadiazinedione, isocyanurate, uretdione, urethane, allophanate, biuret, urea or oxadiazinetriene structures and carrying the aliphatic, cycloaliphatic or araliphatic radicals  $^1B$  to  $^{n+1}B$  in N position, where  $^1B$  and  $^{n+1}B$  are the same or different,

X represents one of the structures X-1 and/or X-2,

and optionally the same or different radicals of isocyanate secondary products containing iminooxadiazinedione, isocyanurate, uretdione, urethane, allophanate, biuret, urea or oxadiazinetriene structures,



Structure X-1



Structure X-2

Y represents an organic radical -OR containing at least one activated double bond, where OR is formed by modeling the proton from the alcohol group and R is a vinyl ether, methacrylic or acrylic radical containing at least one double bond polymerizable by electromagnetic radiation;

n is a number greater than one and less than 20 and represents the mean of all molecules having formula 2 present in the compound according to the invention.

Claim 17. (Currently amended) A composition selected from coating compositions, adhesive compositions, curing composition systems, and sealing compositions containing at least one polyisocyanate ~~or polyisocyanate secondary product~~ produced according to Claim 11.

Claim 18. (Currently amended) Substrates having a coating containing a reaction product of at least one polyisocyanate ~~or polyisocyanate secondary product~~ produced according to Claim 11.

Claim 19. (Original) Substrates according to Claim 18, wherein the substrate material comprises one or more of wood, metal, plastic and mineral substances.

Claim 20. (Currently amended) The polyisocyanate ~~or polyisocyanate secondary product~~ according to Claim 11 containing a stabiliser selected from the group consisting of phenols, HALS amines and phenothiazines.

Claim 21. (Cancelled)